

DEVICE FOR PURIFYING EXHAUST GAS FOR ENGINE

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ABSTRACT OF THE DISCLOSURE

10 A device, for purifying exhaust gas of an engine,  
comprises a SO<sub>x</sub> storage arranged in the exhaust passage  
for temporarily storing SO<sub>x</sub> contained in an exhaust gas  
inflowing therein, and an auxiliary catalyst arranged in  
the exhaust passage downstream of the SO<sub>x</sub> storage, the  
auxiliary catalyst having an oxidizing ability. When SO<sub>x</sub>  
15 stored in the SO<sub>x</sub> storage is discharged therefrom with  
the atmosphere of the auxiliary catalyst being in a  
sulfate forming atmosphere, the atmosphere of the  
auxiliary catalyst is changed to an atmosphere other than  
the sulfate forming atmosphere. When SO<sub>x</sub> stored in the  
20 SO<sub>x</sub> storage is discharged therefrom with the atmosphere  
of the auxiliary catalyst being in an atmosphere other  
than the sulfate forming atmosphere, the atmosphere of  
the auxiliary catalyst is maintained at an atmosphere  
other than the sulfate forming atmosphere.